

APPARATUS FOR PROVIDING POWER TO LINE DRIVERS IN A COMMUNICATION SYSTEM

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ABSTRACT OF THE DISCLOSURE

The apparatus for provides power to selected line drivers in a communication system. Each selected line driver has a respective inherent internal voltage drop. Each selected line driver is

5 coupled with a respective communication loop for providing a respective minimum operational voltage to the respective communication loop. The apparatus includes: (a) a control means coupled with the selected line driver devices for controlling supply voltage to the selected line drivers; and (b) a power supply means coupled with the control means and with the selected line driver devices and cooperating with the control means to deliver a respective supply voltage to respective selected line driver devices. The respective supply voltage is at least equal with the respective minimum operational voltage less the respective inherent internal voltage drop for each respective selected line driver device.